

CLAIM AMENDMENTS

Amended Claims: 1, canceled Claim 2-6 and added new Claims 7-15.

1. (Currently Amended) An auxiliary power unit (~~APU~~) for electricity generation in combination with an internal combustion engine having an outlet for engine exhaust gas, the auxiliary power unit APU comprising:
 - 1) a solid oxide fuel cell (~~SOF~~) comprising an inlet for fuel, an inlet for air ~~or and/or~~ engine exhaust gas, and an outlet for off-gas, and
 - 2) a catalytic partial oxidation reformer (~~CPO~~) having an outlet which is connected to the inlet for fuel of the solid oxide fuel cell SOFC and an inlet for reactants, wherein ~~characterized in that~~ the inlet for reactants is connected to the outlet for engine exhaust gas of the internal combustion engine through an evaporator having an inlet for fuel and an inlet for engine exhaust gas and an outlet which is connected to the inlet of the catalytic partial oxidation reformer CPO.
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (New) A process for generation of electricity from a hydrocarbonaceous fuel, in an auxiliary power unit for electricity generation in combination with an internal combustion engine having an outlet for engine exhaust gas, said process comprising:
 - introducing both hydrocarbonaceous fuel and engine exhaust gas into an evaporator to form a mixture wherein at least part of the fuel is evaporated;
 - introducing the mixture of fuel and engine exhaust gas into a catalytic partial oxidation reformer to form a synthesis gas; and
 - introducing the synthesis gas into a solid oxide fuel cell via an inlet for fuel and an oxygen-containing gas into the solid oxide fuel cell via an inlet for an oxygen containing gas to generate electricity.

8. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 7 wherein the oxygen-containing gas comprises engine exhaust gas.
9. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 8 wherein the oxygen-containing gas further comprises air.
10. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 7 wherein the engine exhaust gas is introduced into the evaporator as a mixture with air.
11. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 8 wherein the engine exhaust gas is introduced into the evaporator as a mixture with air.
12. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 7 wherein the hydrocarbonaceous fuel comprises diesel.
13. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 8 wherein the hydrocarbonaceous fuel comprises diesel.
14. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 7 wherein the hydrocarbonaceous fuel comprises gasoline.
15. (New) A process for the generation of electricity from a hydrocarbonaceous fuel as defined in claim 8 wherein the hydrocarbonaceous fuel comprises gasoline.